

FORM PTO-1449  
(Rev. 7-80)

U.S. Department of Commerce  
Patent and Trademark Office

ATTY. DOCKET NO.  
030353

SERIAL NO.  
10/620,988

SHEET 1 OF 1

LIST OF PRIOR ART CITED BY APPLICANT

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APPLICANT  
Ron Everett

FILING DATE  
July 16, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
y g g	6,037,944	3/14/2000	Hugh			
	6,031,537	2/29/2000	Hugh			
	US 2003/0227487	12/11/2003	Hugh			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)


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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
Jm Jy	5,713,031	1/27/1998	Saito			
	6,212,530	4/3/2001	Kadlec			

## FOREIGN PATENT DOCUMENTS

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						YES	NO

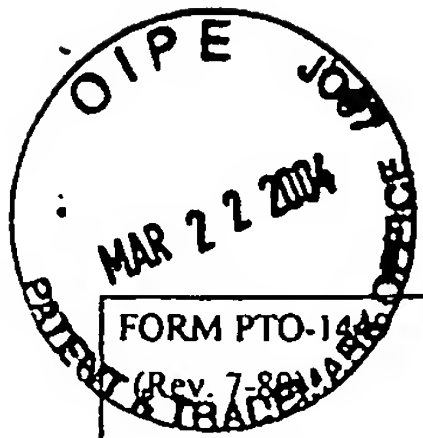
## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

Jm		Tanenbaum A. S., Memory Management, XP-002282085, Chapter 4, pp 206-209
		Tanenbaum A. S., Memory Management, XP-002282086, Chapter 4, pp 191-205
Jm		CCITT, Information Technology - Open Systems Interconnection - Structure of Management Information: Management Information Model, XP-002282087, Recommendation X.720, January 1992, PP 1-27
i		

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SHEET 1 OF 1

FORM PTO-144

(Rev. 7-89)

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
yr	6,067,552	7/26/2002	Yu			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

yr		Elementary Data Structures, XP-002268154, Chapter 11, pp 200-218
		Graph Algorithms, XP-002269155, Chapter 8, pp 537-547

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
yy	AA	4,448,726	09-05-85	Cramsie, et al.			
yy	AB	4,591,983	05-2-7-86	Bennett, et al.			
yy	AC	4,752,889	06-21-88	Rappaport, et al.			
yy	AD	4,816,994	03-28-89	Freiling, et al.			
yy	AE	4,853,873	08-01-89	Tsuji, et al.			
yy	AF	4,868,763	09-19-89	Masui, et al.			
yy	AG	4,884,218	11-28-89	Agnew, et al.			
yy	AH	4,893,232	01-09-87	Shimaoka, et al.			
yy	AI	5,333,237	07-26-94	Stefanopoulos, et al.			
yy	AJ	5,333,310	07-26-94	Sakai			
yy	AK	5,448,722	09-05-95	Lynne, et al.			

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							YES	NO
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## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

yy	AR	<input checked="" type="checkbox"/>	Chen, "The Entity-Relationship Model -- Toward a Unified View of Data", ACM Transactions on Database Systems,
		<input checked="" type="checkbox"/>	Vol. 1, No. 1, March 1976, pgs. 1-36.
yy	AS	<input checked="" type="checkbox"/>	E.F. Codd, "Extending the Database Relational Model to Capture More Meaning", ACM Transactions on Database
			Systems, Vol. 4, No. 4, December 1979, pgs. 397-434.
yy	AT	<input checked="" type="checkbox"/>	Lazy Software Ltd., "The Associative Model of Data White Paper", Copyright 2000 Lazy Software Ltd, pgs. 1-15.

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
yr	AA	5,448,726	09-05-95	Cramsie, et al.			
yr	AB	5,490,258	06-02-96	Fenner			
yr	AC	5,555,409	09-10-96	Leenstra, Sr., et al.			
yr	AD	5,561,793	10-01-96	Bennett, et al.			
yr	AE	5,592,666	01-07-97	Perez			
yr	AF	5,619,621	04-08-97	Puckett			
yr	AG	5,649,190	07-15-97	Sharif-Askary, et al.			
yr	AH	5,671,406	09-23-97	Lubbers, et al.			
yr	AI	5,701,453	12-23-97	Maloney, et al.			
yr	AJ	5,701,467	12-23-97	Freeston			
yr	AK	5,713,014	01-27-98	Durflinger, et al.			

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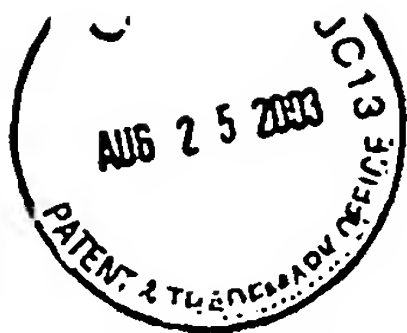
## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

yr	AR	!	Richard Hull, et al., "Semantic Database Modeling: Survey, Applications, and Research Issues", ACM Computing Survey, Applications and Research Issues", Vol. 19, No. 3, September 1987, pgs. 201-260.
yr	AS	i	Lazy Software Ltd., "Lazy View Database Aggregation Capability White Paper", Lazy Software Ltd., Copyright 2002, pgs. 1-4.
yr	AT	.	Codd, "A Relational Model of Data for Large Shared Data Banks, IBM Research Laboratory, Vol. 13, No. 6, June 1970, pgs. 377-387

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
Y	AA	5,726,898	03-10-98	Jacobs			
Y	AB	5,758,333	05-26-98	Bauer, et al.			
Y	AC	5,799,157	08-25-98	Escallon			
Y	AD	5,822,780	10-13-98	Schutzman			
Y	AE	5,878,408	03-02-99	Van Huben, et al.			
Y	AF	5,905,989	05-18-99	Biggs			
Y	AG	5,920,867	07-06-99	Van Huben, et al.			
Y	AH	5,974,141	10-26-99	Saito			
Y	AI	5,991,758	11-23-99	Ellard			
Y	AJ	6,002,772	12-14-99	Saito			
Y	AK	6,029,174	02-22-00	Sprenger, et al.			

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Y	AR		Senko, "Diam II: The Binary Infological Leval and Its Database Language - FORAL", Mathematical Sciences Dept., pg. 121-140
Y	AS		Baldissera, et al., "Interactive Specification and Formal Verification of User's Views in Data Base Design", 1979 IEEE Ch1406-8/79/0000-0262, pgs. 262-272
	AT		

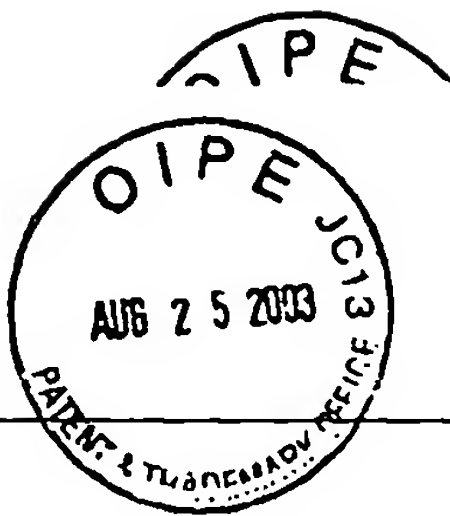
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
<i>h</i>	AA	6,073,111	06-06-00	Leymann, et al.			
<i>y</i>	AB	6,076,077	06-13-00	Saito			
<i>y</i>	AC	6,088,693	07-11-00	Van Huben, et al.			
<i>y</i>	AD	6,101,500	08-08-00	Lau			
<i>y</i>	AE	6,112,209	08-29-00	Gusack			
<i>y</i>	AF	6,115,716	09-05-00	Tikkancn, et al.			
<i>y</i>	AG	6,134,549	10-17-00	Regnier, et al.			
<i>y</i>	AH	6,205,447	03-20-01	Malloy			
<i>y</i>	AI	6,233,586	05-15-01	Chang, et al.			
<i>y</i>	AJ	6,236,997	05-22-01	Bodamer, et al.			
<i>y</i>	AK	6,301,581	10-09-01	Smiley			

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ly	AA	6,317,749	11-13-01	Chatale			
ly	AB	6,327,594	12-04-01	Van Huben, et al.			
ly	AC	6,330,572	12-11-01	Sitka			
ly	AD	6,356,897	03-12-01	Gusack			
ly	AE	6,363,388	03-26-02	Sprenger, et al.			
ly	AF	6,366,922	04-02-02	Althoff			
ly	AG	6,385,604	05-07-02	Bakalash			
ly	AH	6,400,996	06-04-02	Hoffberg, et al.			
ly	AI	6,408,321	06-18-02	Platt			
ly	AJ	6,424,989	07-23-02	Shaw, et al			
ly	AK	6,425,119	07-23-02	Jones, et al.			

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yr	AA	6,434,554	08-13-02	Asami, et al.			
yr	AB	6,484,179	11-19-02	Roccaforte			
yr	AC	6,513,038	01-28-03	Hasegawa, et al.			
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